Peak District National Park

Forecast valid from 00:00 on Tuesday 31 May 2022 until 23:59 on Wednesday 01 Jun 2022

Forecast Issued on Monday 30 May 2022 at 14:23

Confidence: High confidence for the unsettled and showery theme to continue over the next few days. Lower in regards to extent and intensity of showers, and potential risk for hail and thunder.

Headline for Tuesday 31 May 2022: Simliar to Monday. A cloudy day, with further showers, heavy at times, with the risk of hail and thunder. Breezy and feeling rather cool.

Mountain weather hazards on Tuesday 31 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Light rain showers
Precipitation probability							
30%	10%	10%	30%	30%	30%	30%	30%

Forecast for Tuesday 31 May 2022

Weather: Cloudy with further outbreaks of rain or showers overnight. Low cloud on the summits first thing on Tuesday, lifting to give occasional bright or sunny spells during the morning. Further showers during the afternoon, which will be heavy at times, with the risk of hail and thunder at times. Any showers gradually easing into the evening, with some clear spells developing.

Chance of cloud-free hill tops above 600m: Generally 80% throughout, occasionally down to 20%, especially first thing and in any heavy showers during the day.

Low cloud and visibility: Some moderate to poor visibility over the highest ground with cloud bases down to 500-600m at times. Poor visibility is possible in heavy showers throughout the day, otherwise generally good or very good visibility outside of the showers.

Forecast for Tuesday 31 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 SW	9/13 SW	9/12 SW	8/11 W	9/14 W	11/16 W	13/19 NW	10/16 W	9/13 W
300	6/8 S	7/11 S	6/9 SW	6/10 SW	8/12 W	11/17 NW	12/19 NW	7/13 W	6/11 SW
Valley	2/7 SE	4/10 S	5/9 SW	5/9 SW	6/12 W	8/15 NW	9/18 NW	4/11 W	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	5/2	5/2	6/4	7/4	7/4	7/4	6/3	5/2
300	8/6	7/5	7/6	8/7	10/8	10/8	10/8	8/7	8/6
Valley	8/7	8/6	8/7	10/9	11/9	11/10	10/9	8/7	8/7
Freezing Level*	1400m	1400m	1400m	1400m	1400m	1500m	1500m	1400m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly at height, particularly in the morning, even with the generally lighter winds. Despite the cooler temperatures any sunshine into the late morning and afternoon will bring a risk of high UV.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 29 May 2022	1mm	1mm	6.2mm

Forecast for Wednesday 01 Jun 2022

Weather: A dry and bright start on Wednesday, with some good spells of sunshine. However, showers will quickly develop widely again through the day. The showers are likely to be heavy and slow-moving with the risk of hail and thunder at times. Any showers fading during the evening, with sunny/clear spells developing.

Maximum wind: West to northwesterly 5-10mph throughout.

Chance of cloud-free hill tops above 600m: Generally 80% throughout, occasionally down to 20%, mainly first thing and in heavy showers throughout the day.

Low cloud and visibility: Some moderate to poor visibility over the highest ground with cloud bases down to 500-600m at times. Poor visibility is possible in heavy showers throughout the day, otherwise generally good or very good visibility outside of the showers.

Temperature: **Valleys:** Plus 7 Celsius, becoming Plus 14 Celsius.
At 600m: Plus 5 Celsius, becoming Plus 9 Celsius.
Freezing level: Above the summits.